

INTERNATIONAL SEARCH REPORT

 International application No.
 PCT/KR2004/003374
A. CLASSIFICATION OF SUBJECT MATTER**IPC7 C02F 1/461**

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

B63B, C02F

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Korean Patents and applications for invention since 1975

Korean Utility models and applications for Utility models since 1975

Japanese Utility models and application for Utility models since 1975

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

eKIPASS, Delphion, PAJ

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	JP 2001-293474 A (Nippon Mitsubishi Oil Corp.) 23 October 2001 see the whole document	1-20
A	JP 2003-154994 A (Hokushin Sangyo KK) 27 May 2003 see the whole document	1-20
P, A	US 6761123 B2 (MH Systems) 13 July 2004 see the whole document	1-20
P, A	US 6740245 B2 (Enerox Technology LLC) 25 May 2004 see the whole document	1-20
A	JP 6-10169 A (Ishikawajima Harima Heavy Ind. Co. Ltd.) 18 January 1994 see the whole document	1-20
A	JP 2003-118681 A (Kyoei Aqua Tec KK) 23 April 2003 see the whole document	1-20

☐ Further documents are listed in the continuation of Box C.

☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

30 MARCH 2005 (30.03.2005)

Date of mailing of the international search report

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Name and mailing address of the ISA/KR


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INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No.

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Patent document
cited in search reportPublication
datePatent family
member(s)Publication
date

JP 2001-293474 A

23-10-2001

NONE

JP 2003-154994 A

27-05-2003

NONE

US 6761123 B2

13-07-2004

WO 03095366 A3

13-05-2004

US 6740245 B2

25-05-2004

NONE

JP 6-10169 A

18-01-1994

NONE

JP 2003-118681 A

23-04-2003

NONE